

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Number: 7,078,511 Date Issued: July 18, 2006  
Application Number: 08/765,108 Filed: March 27, 1997  
Name of Patentee: Monty Krieger and Susan L. Acton  
Title of Invention: *"Class BI and CI Scavenger Receptors"*

Commissioner for Patents  
Office of Patent Publication  
ATTN: Certificate of Correction Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
DUE TO PTO'S ERRORS**

Sir:

Attached is form PTO/SB/44, which is suitable for printing.

In accordance with MPEP 1485, the exact page and/or claim and line number where errors occurred in the application file are discussed below.

LIST OF ERRORS IN THE PATENT

1. Claim 10, column 52 and 53, lines 58 through 2.
2. Claim 16, column 54, lines 21 through 27.

PTO'S ERRORS

In error 1, claim 10, column 52 and 53, lines 58 through 2, the claim was printed in error and should be "A method for screening for a compound which alters the binding of scavenger receptor protein type BI, which is encoded by a nucleotide molecule hybridizing to SEQ ID Nos. 3 and 7 under moderately stringent hybridization conditions at a temperature of approximately 25°C below the melting temperature of a perfectly base-paired double-stranded DNA molecule consisting of SEQ ID NO:3 or 7 and which

selectively binds to low density lipoprotein and to modified lipoprotein having the characteristics of acetylated low density lipoprotein in cell medium containing 10% serum, wherein the binding of acetylated low density lipoprotein to the scavenger receptor protein type BI is inhibited by native low density lipoprotein, comprising providing reagents for use in an assay for binding of low density lipoprotein or modified low density lipoprotein to the scavenger receptor protein the reagents comprising SR-BI, low density lipoprotein or modified low density lipoprotein, and means for determining if the low density lipoprotein or modified low density lipoprotein is bound to the scavenger receptor protein,

adding the compound to be tested to the assay, and

determining if the amount of modified low density lipoprotein or low density lipoprotein which is bound to the scavenger receptor protein is altered as compared to binding in the absence of the compound to be tested.” The requested correction to this claim can be attributed to the amendment filed on June 7, 2004, on page 3. (claim 44, renumbered as issued claim 10).

In error 2, claim 16, column 54, lines 21 through 27, the claim was printed in error and should be “A method for screening patients for abnormal scavenger receptor protein activity or function comprising

determining the presence of scavenger receptor protein type BI, wherein the scavenger receptor protein type BI is encoded by a nucleotide molecule hybridizing to SEQ ID Nos. 3 and 7 under moderately stringent hybridization conditions at a temperature of approximately 25°C below the melting temperature of a perfectly base-

paired double-stranded DNA molecule consisting of SEQ ID NO:3 or 7 and selectively binds to low density lipoprotein and to modified lipoprotein having the characteristics of acetylated low density lipoprotein, wherein the binding of acetylated low density lipoprotein to the scavenger receptor protein type BI is inhibited by native low density lipoprotein, and

determining if the quantity present or the function of the receptor is equivalent to that present in normal cells ." The requested correction to this claim can be attributed to the amendment filed on June 7, 2004, on page 5. (claim 50, renumbered as issued claim 16).

Correction of these errors does not involve such changes in the patent as would constitute new matter or would require re-examination.

Please issue a Certificate of Correction and send the document to:

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PATENT NO. : 7,078,511  
APPLICATION NO.: 08/765,108  
ISSUE DATE : July 18, 2006  
INVENTOR(S) : Monty Krieger and Susan L. Acton

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 10, column 52 and 53, lines 58 through 2, replace claim 10 with --A method for screening for a compound which alters the binding of scavenger receptor protein type BI, which is encoded by a nucleotide molecule hybridizing to SEQ ID Nos. 3 and 7 under moderately stringent hybridization conditions at a temperature of approximately 25°C below the melting temperature of a perfectly base-paired double-stranded DNA molecule consisting of SEQ ID NO:3 or 7 and which selectively binds to low density lipoprotein and to modified lipoprotein having the characteristics of acetylated low density lipoprotein in cell medium containing 10% serum, wherein the binding of acetylated low density lipoprotein to the scavenger receptor protein type BI is inhibited by native low density lipoprotein, comprising

providing reagents for use in an assay for binding of low density lipoprotein or modified low density lipoprotein to the scavenger receptor protein the reagents comprising SR-BI, low density lipoprotein or modified low density lipoprotein, and means for determining if the low density lipoprotein or modified low density lipoprotein is bound to the scavenger receptor protein,  
adding the compound to be tested to the assay, and  
determining if the amount of modified low density lipoprotein or low density lipoprotein which is bound to the scavenger receptor protein is altered as compared to binding in the absence of the compound to be tested.--

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INVENTOR(S) : Monty Krieger and Susan L. Acton

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 16, column 54, lines 21 through 27, replace claim 16 with --A method for screening patients for abnormal scavenger receptor protein activity or function comprising  
determining the presence of scavenger receptor protein type BI, wherein the scavenger receptor protein type BI is encoded by a nucleotide molecule hybridizing to  
SEQ ID Nos. 3 and 7 under moderately stringent hybridization conditions at a temperature of approximately 25°C below the melting temperature of a perfectly base-paired double-stranded DNA molecule consisting of  
SEQ ID NO:3 or 7 and selectively binds to low density lipoprotein and to modified lipoprotein having the characteristics of acetylated low density lipoprotein, wherein the binding of acetylated low density lipoprotein to the scavenger receptor protein type BI is inhibited by native low density lipoprotein, and  
determining if the quantity present or the function of the receptor is equivalent to that present in normal cells.--

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